

Jacob Paget

From: Alana Lampitt s 9(2)(a)
Sent: Monday, 3 October 2022 6:20 pm
To: Alison Grayston
Cc: Joss Ryall; Dave Moule; Nicola de Wit; Georgia Moore
Subject: RE: Waerenga Solar Farm question

Hi Ali,

I have heard back and your assumption is correct, the blue areas on the plan in Figure 2 of the Landscape and Visual Memorandum are an indicative representation of the solar panels coverage, however there is potentially some confusion due to the conversion of the detailed Shape Files to pdfs attached to the memo.

More specifically, the applicant and Boffa Miskell advise as follows:

- The draft design indicates approximately 22% of the Waerenga and Rangiriri site is covered by solar panels. This is calculated from the indicative design. For Waerenga, this assumes approximately 290,000 panels and each panel has a surface area of 2.8m², so the combined surface area is approximately 81 hectares. For Rangiriri, this assumes approximately 200,000 panels and each panel has a surface area of 2.8m², so the combined surface area is approximately 56 hectares.
- Inter-row spaces are designed between the panels to minimise shading on the adjacent row. These gaps between the rows of panels are larger than the length of a panel, hence the actual ground coverage of a full field of panels is around 30%, then setbacks and unutilised areas further reduce that percentage across the site. This additional space is shown as panel coverage in blue on Figure 2 in the Initial Landscape and Visual memorandum in pdf format, as it is not presented in such a granular detail to distinguish between the solar panels and spaces between them as it is on the GIS Shape Files (i.e. when you zoom in on the pdf you only see one block colour, but on the GIS shape files you will see the rows of panels and gaps between the rows). We trust that the Shape Files provided last week will assist with this point.

On a separate point, it has also come to our attention that the word 'General' has been omitted from the Proposed Waikato District Plan zoning for the Waerenga fast-track referral application (See Part 3: Project Details). Could we please amend the Waerenga application to read "General Rural Zone" under the Proposed Waikato District Plan (instead of Rural Zone as it currently reads). Please let us know if you have any further questions.

Kind regards,
Alana

ALANA LAMPITT

PARTNER

Chapman Tripp

s 9(2)(a)

LEGAL ADMINISTRATOR: Paula Norman | s 9(2)(a)

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From: Alison Grayston s 9(2)(a)
Sent: Monday, 3 October 2022 9:09 AM
To: Alana Lampitt s 9(2)(a)
Subject: RE: Waerenga Solar Farm question

Kia ora Alana,

Sorry to bother you first thing on a Monday, but just checking in to see if you'd heard about the site coverage?

Kind regards,
Ali

From: Alana Lampitt s 9(2)(a)
Sent: Tuesday, 27 September 2022 1:53 pm
To: Alison Grayston s 9(2)(a); Nicola de Wit s 9(2)(a)
Subject: RE: Waerenga Solar Farm question

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This email originated from outside our organisation. Please take extra care when clicking on any links or opening any attachments.

Thanks for your query Alison.

I will revert with a response as soon as possible.

Kind regards,
Alana

ALANA LAMPITT
PARTNER

Chapman Tripp

s 9(2)(a)

LEGAL ADMINISTRATOR: Paula Norman | s 9(2)(a)

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From: Alison Grayston s 9(2)(a)
Sent: Tuesday, 27 September 2022 1:42 PM
To: Alana Lampitt s 9(2)(a); Nicola de Wit s 9(2)(a)
Subject: Waerenga Solar Farm question

Kia ora Alana and Nicola,

I am working on the fast-track referral application for Waerenga Solar Farm and just wanted to ask about the percentage of the site that will be covered by solar panels.

The application states that about 22% (81ha) of the total site (385ha) will be covered by solar panels, however Figure 2 in the Initial Landscape and Visual Memorandum appears to show a larger area covered by solar panels. Am I correct to assume that the blue areas are indicative of where solar panels may be placed rather than the entire blue area being covered by them? If I have that wrong, could you please advise how the 22% coverage was calculated?

I think the same question has been flagged for the Rangiriri Solar Farm, so will pass on your reply to Max who is processing that application.

Kind regards,
Ali

Alison Grayston (she/her)

Senior Analyst | Kaitiaki tari Matua

Fast-track Consenting

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Please note I work until midday on Fridays.



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Manatū Mō Te Taiao



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